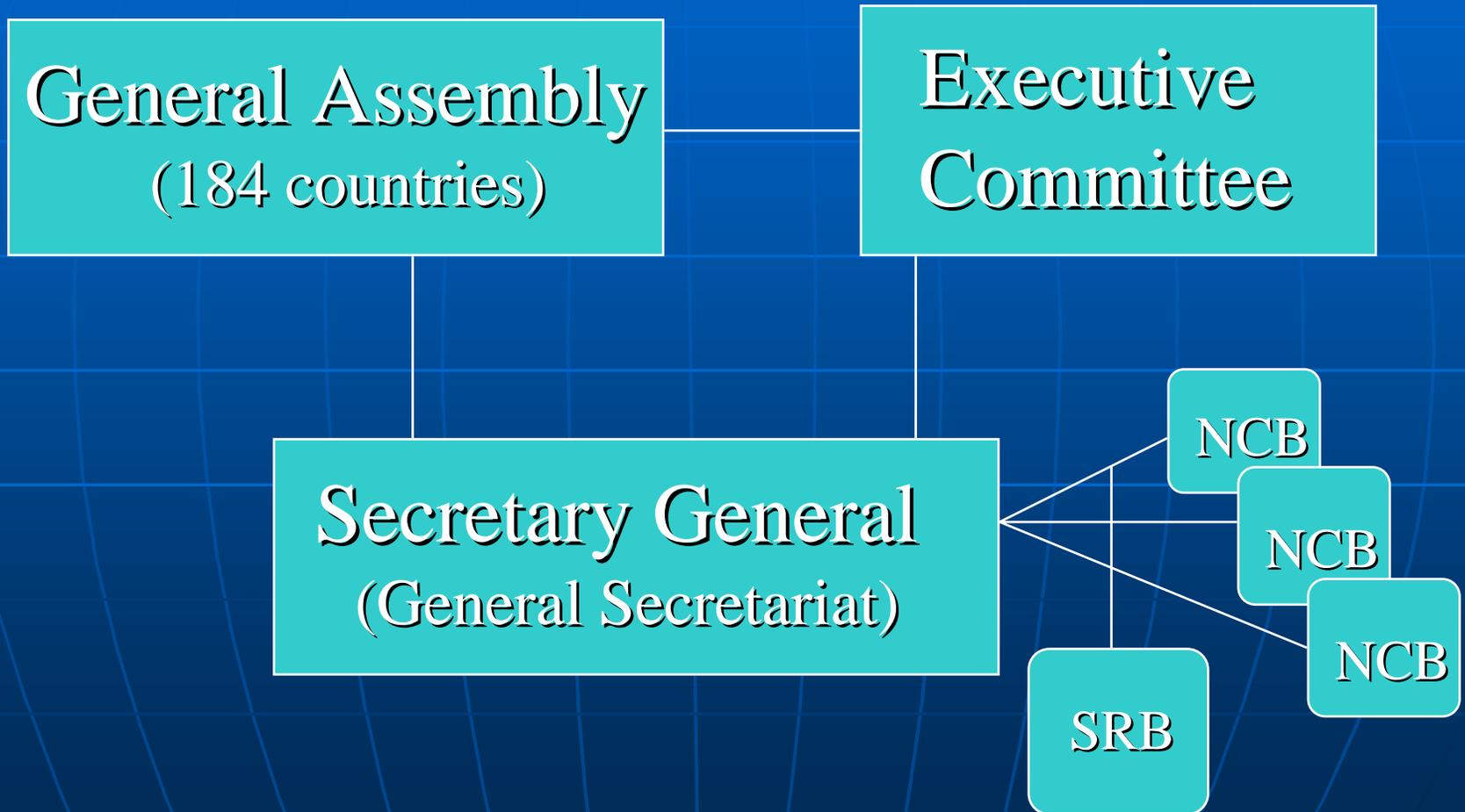


# Interpol AFIS service

International exchange of  
latents

# Structure of Interpol



# Interpol policy fora

- General Assembly
- Regional Conferences
- Regional Committees
- Working Groups
- Specialized Conferences

# Constitutional aims

1. To ensure and promote the widest possible mutual assistance between all criminal police authorities within the limits of the laws existing in the different countries and in the spirit of the Universal Declaration of Human Rights.

2. To establish and develop all institutions likely to contribute effectively to the prevention and suppression of ordinary law crimes.

## Article 3:

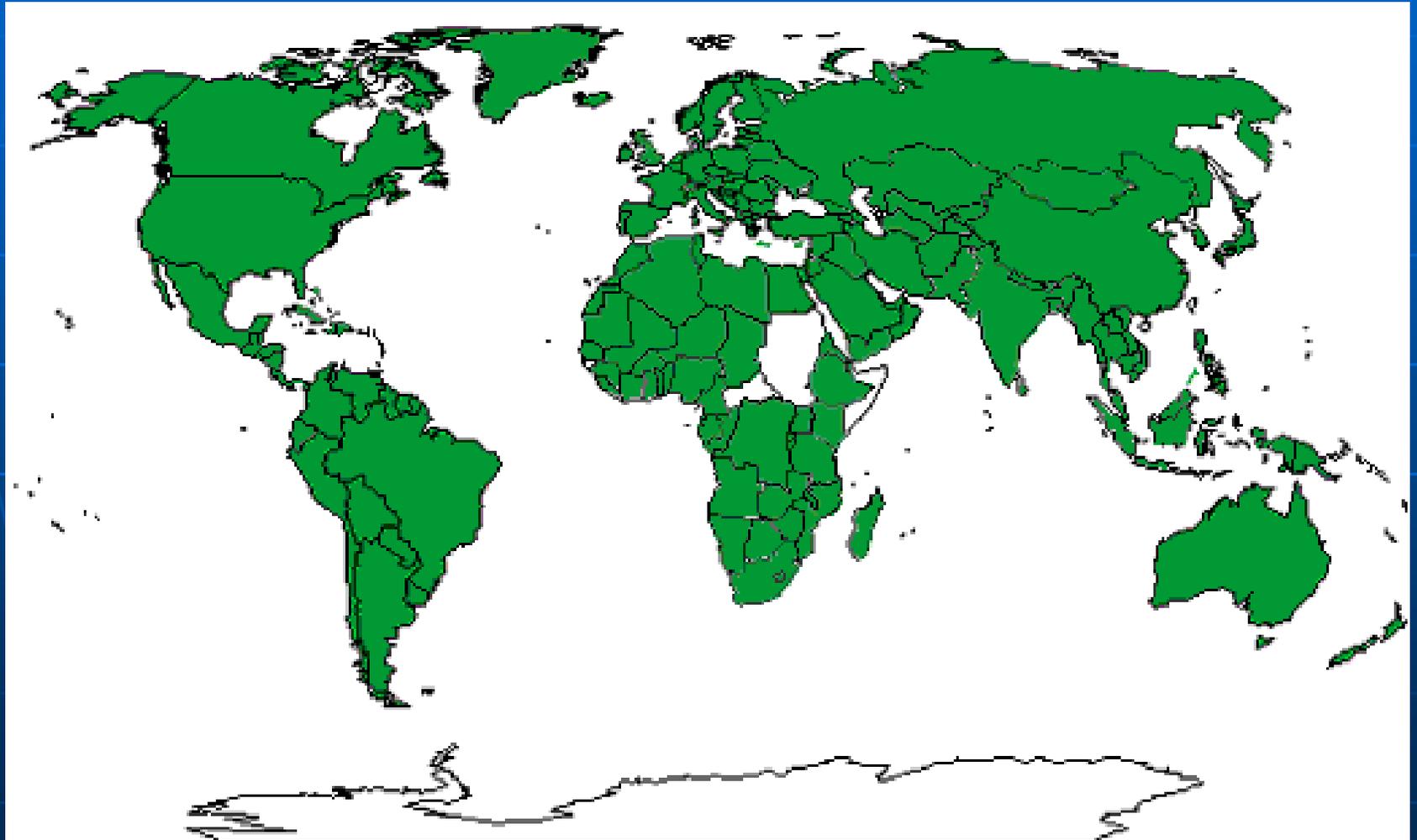
It is strictly forbidden for the organization to undertake any intervention or activities of a **political, military, religious or racial** character

# Other considerations...

- National laws
- Bilateral treaties
- International conventions

... the need for reciprocity is paramount

# Countries connected to I24-7



# Current Interpol AFIS services

- Latent marks searching
- 10 print searching
- Single print searching
- AFIS gateway
- 24 hour coverage for urgent searches
- Fingerprint assistance for DVI and major events

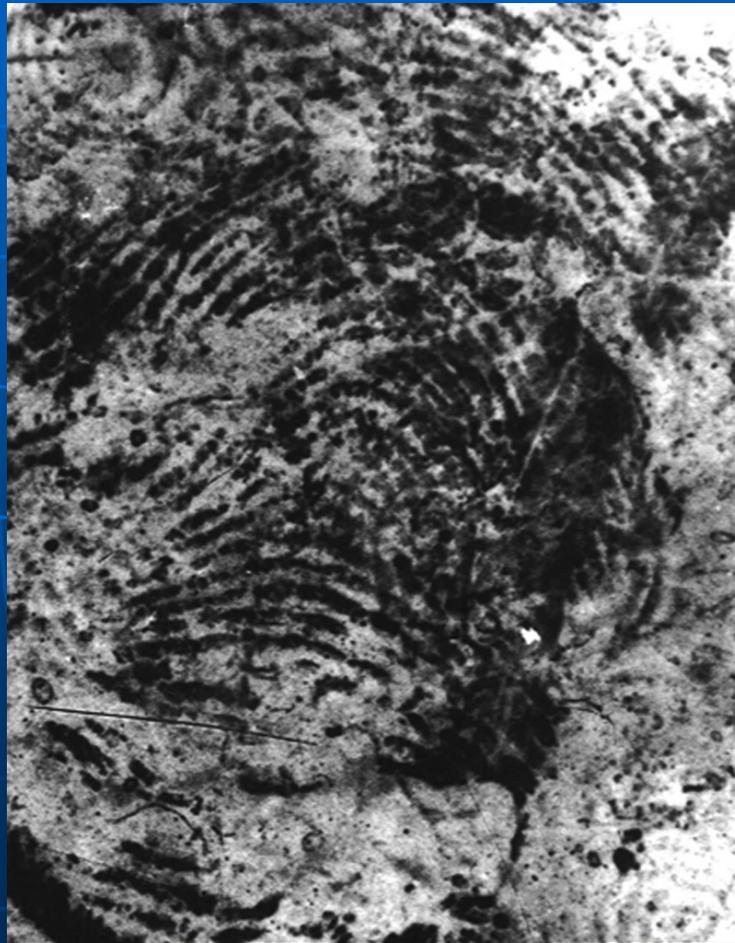
# Quality of fingerprints

- Good quality source document that is not enlarged or reduced before scanning, and should be scanned in a 1 to 1 ratio.
- Source documents should be scanned at 500dpi (1000 for latents) using JPEG compression and 8bits per pixel (grey scale).
- Member countries should not send right hand fingers and left hand fingers in separate attachments, or fingerprints from a ten print form from the same person in multiple attachments.

# Quantity of fingerprints

- Ten print database size 50,000
- Over 90 countries did not send fingerprints in 2005
- 80% of information from Europe?
- Very few crime scene marks.

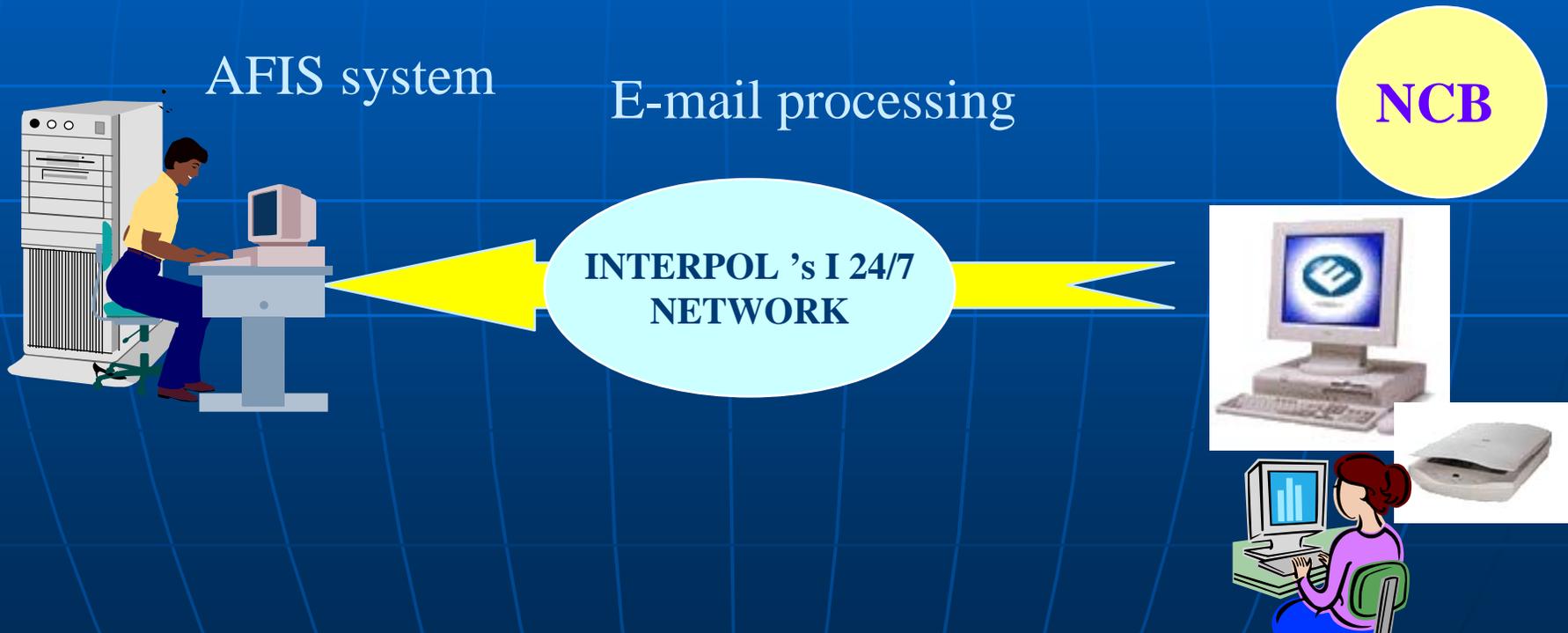
# Crime scene mark No17



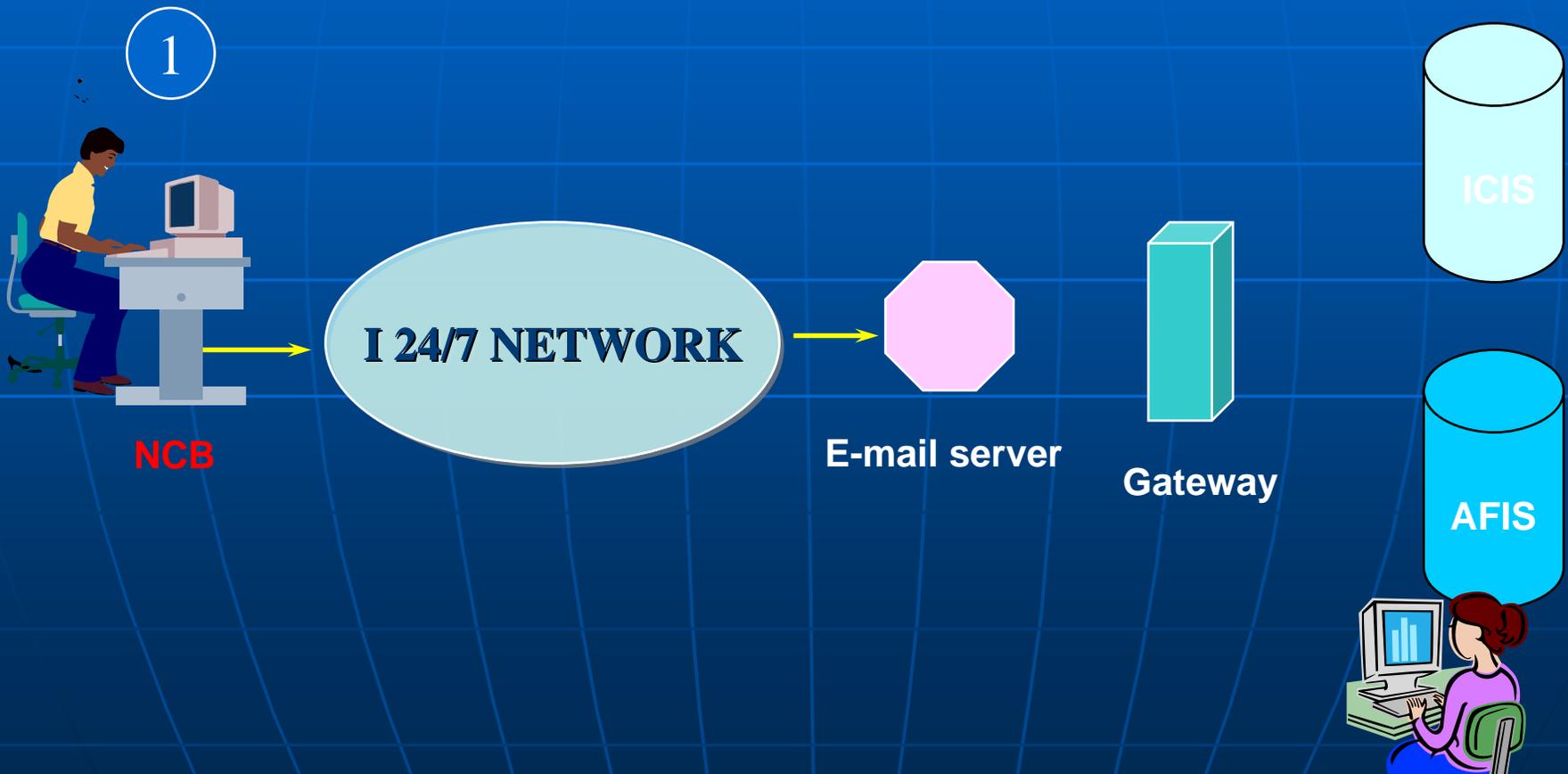
# What to send

- The fingerprint files of perpetrators convicted of serious crimes who are not nationals of the country should be submitted to Interpol for search and recording.
- Crime scene marks from drug packaging, threat letters, major incidents ...

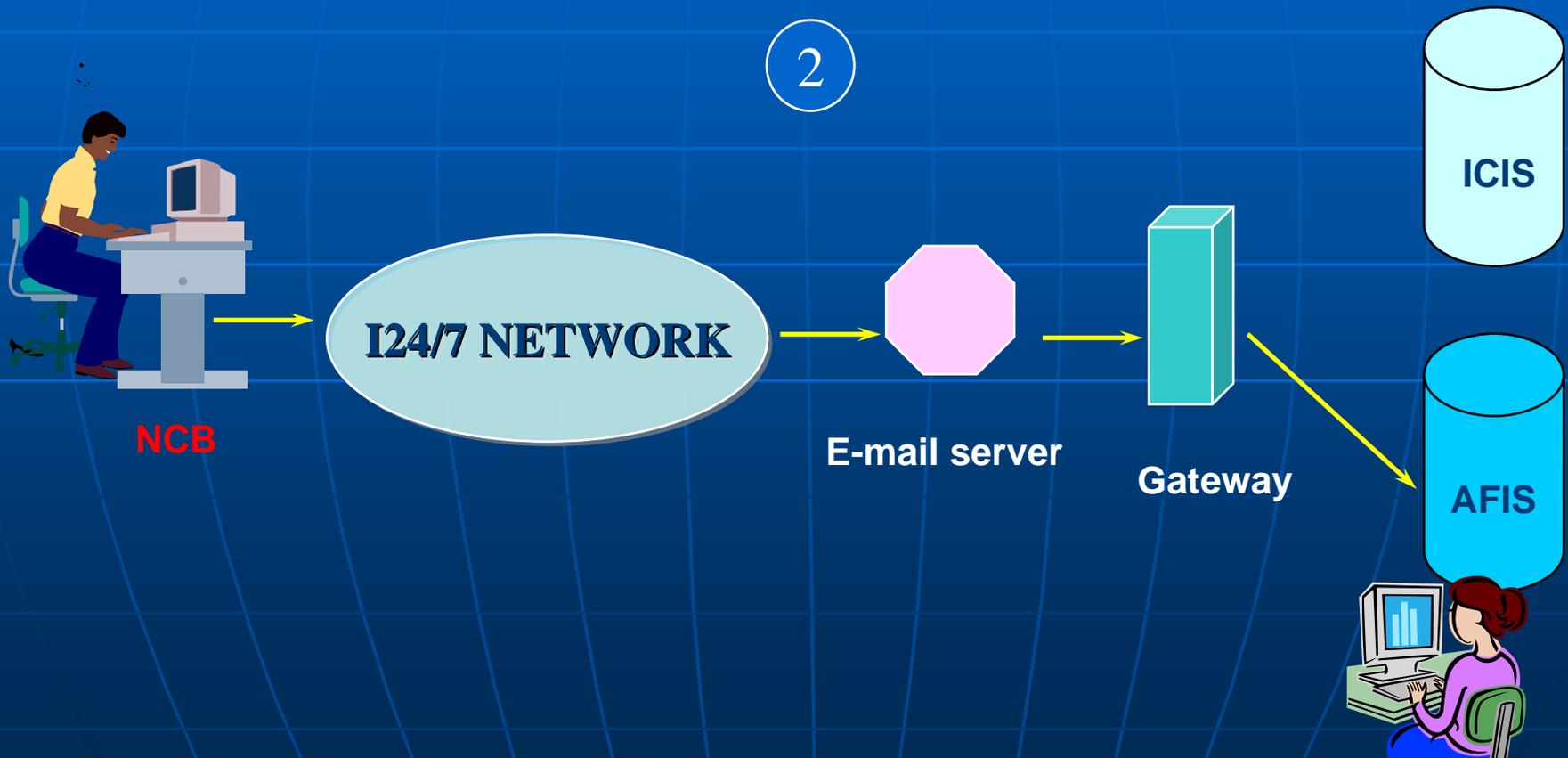
# Processing of the fingerprints : AFISmail



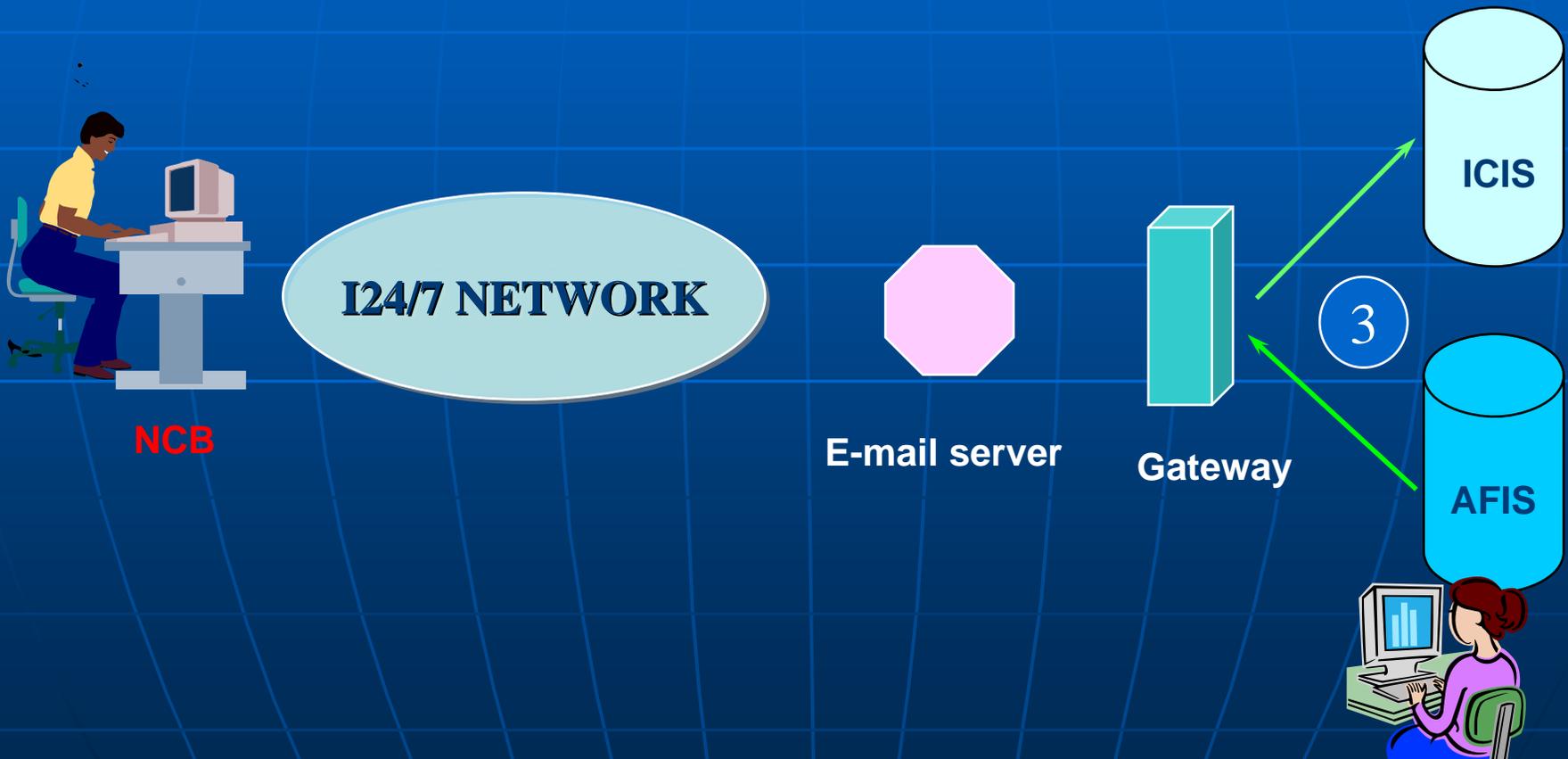
# Step 1 : Preparation of the query ( transmission )



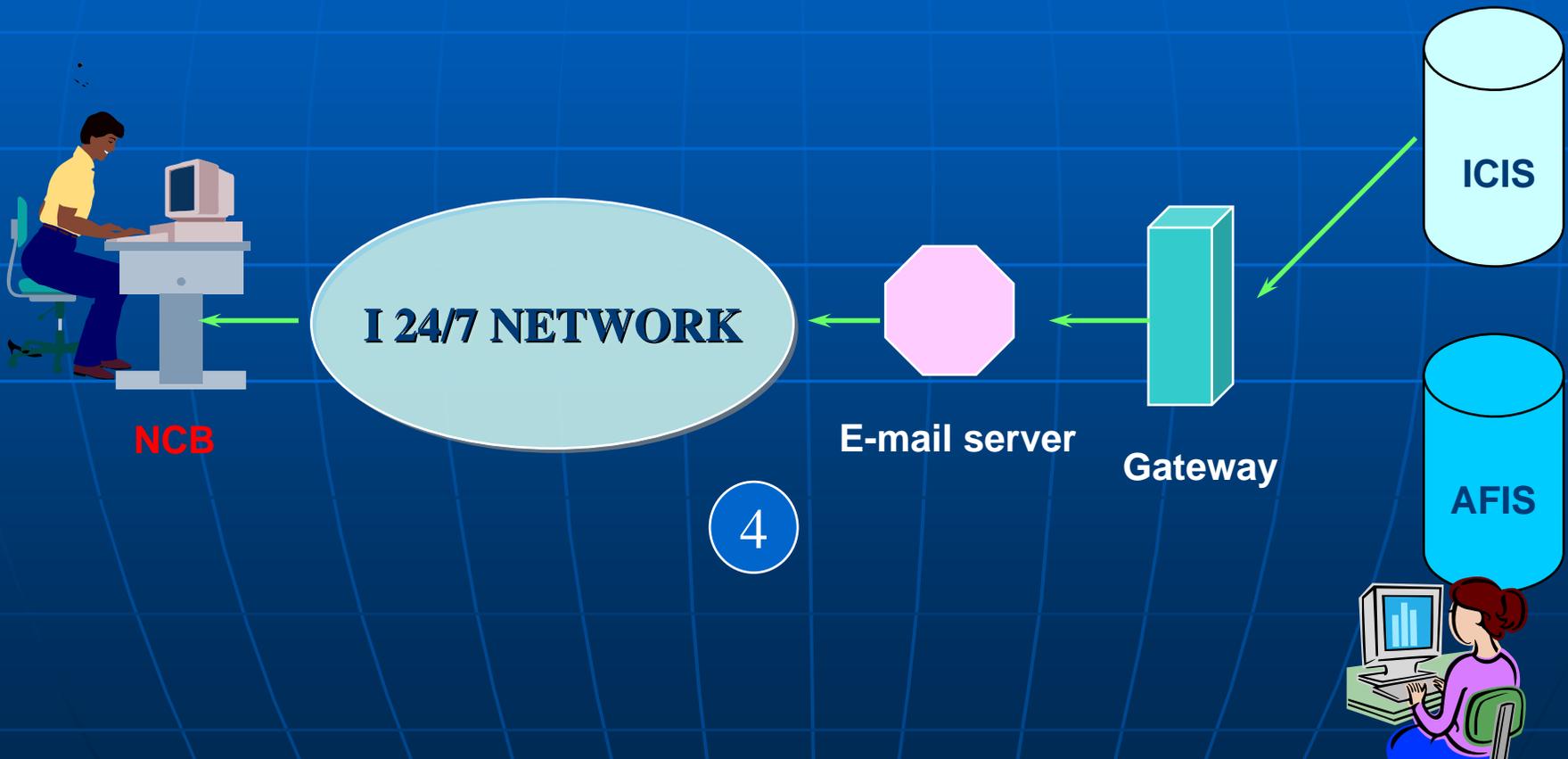
## Step 2 : Analysis of the fingerprints



# Step 3 : Establishment of the link with the ICIS.



# Step 4 : Transmission of the data and image



AFIS INTERPOL MESSAGE

Processed on : March 29th 2005 10:22:51 Your message reference was : US

Processed : 1 Rejected : 0 OK

\*\*\*\*\*

The fingerprint request done is : One answer in the data base

-----

Name:LORENZINI Forename:MAURIZIO Father's name: FU'RENATO Mother's name : GIUSEPPINA

Sex : Male Date of birth : November 1st 1956 ( Age : 46 years )

Country of birth :ITALY Place of birth :COSTERMANO/VERONA Nationality : ITALY

Criminal information : Status : Not wanted Criminal history : Cocaine

Interpol Criminal Information System :

Case file nr : 1998/8925

Date of last update : March 19th 1998

Origin : NCB Rome NCB reference : 123 C2 SEZ 3 940395

Identity document : Passport Number VA2201847U

Date of issue : June 16th 1982

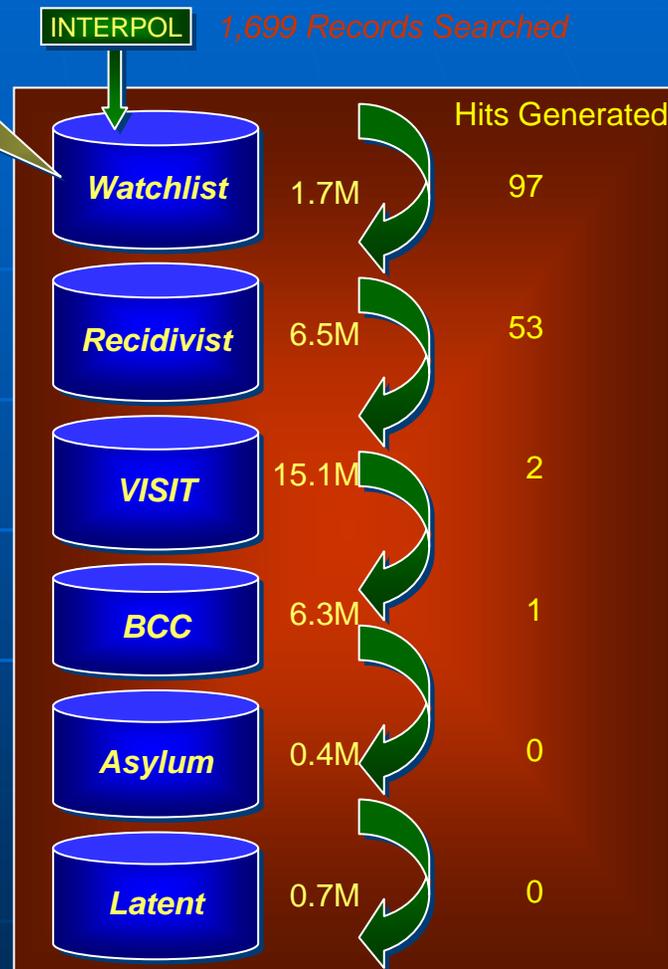
-----ERROR AND WARNING DISPLAY FOR THE FILE .NIST-----

Warning <1.10 : ignored field Warning <RECORD 2>: fields of record 2 after <2.003>  
have been ignored Warning <2.003> : invalid value : must be 0201

# Interpol Data Matching

Interpol records were enrolled into the Watchlist after searching all IDENT databases

- Records Received: 12/20/2004
- Total Records Searched & Enrolled: 1,699
- Transactions with one or more:
  - Watchlist Hit: 97
  - Recidivist Hit: 53
  - Asylum Hit: 0
  - NSEERS encounters: 1
  - VISIT hit: 2



# Enrollment Hit Characteristics

- **Hits on Subjects From Diverse Countries (Nationality)**
  - 23 Different Countries
- **Many Hits on People Encountered Recently By DHS**
  - 2 hits on encounters two days prior
  - 30% of Hits on encounters during prior 4 months

## Countries with Hits

United Kingdom  
Israel  
Cuba  
Iraq  
Korea  
Canada  
Honduras  
Mexico  
Trinidad  
Lebanon  
Brazil  
Albania  
Germany  
Venezuela  
Italy  
Yugoslavia  
Fiji  
Costa Rica  
Mexico



**David KRICHELI**  
**(Georgian)**



**Subject of :**

**INTERPOL RED NOTICE**  
**(1998-Germany)**



**for Murder &**  
**Attempted Murder**

KRICHELI David  
A-6042-1998

KRICHELI David A-6042-1998

PHOTOGRAPHED ON 22ND JULY 1966 IN DE MOLD, GERMANY  
FINGERPRINTED ON 22ND JULY 1966 IN DE MOLD, GERMANY  
REMARKS: THIS PERSON IS CONSIDERED TO BE A FUGITIVE AND ARRESTED  
PRESENT FAMILY NAME: KRICHELI DOB NAME: David SEX: M  
DATE AND PLACE OF BIRTH: 19th September 1975 - Tbilisi, Georgia  
FATHER'S FAMILY NAME AND FORENAME: KRICHLEI, Maximal  
MOTHER'S MAIDEN NAME AND FORENAME: SCHENK (KRICHLEI) WITH 11 CHILDREN  
IDENTITY NOT CONFIRMED NATIONALITY: GEORGIAN, NOT CONFIRMED  
PHYSICAL DESCRIPTION: Height approx 170 cm, slim build, light brown hair, dark eyes  
ALSO KNOWN AS: KRIKKE, GURKUSHELI David born on 19th September 1975 in Tbilisi, Georgia  
IDENTIFY DOCUMENTS: Residence permit No. 251335 issued on 12th May 1998 in Potsdam, Germany  
OCCUPATION: Machine factory worker  
EDUCATION: TO BE VISITED: United Kingdom  
LANGUAGES SPOKEN: Georgian, Russian, a little German  
MAXIMUM PENALTY POSSIBLE: 15 years imprisonment  
SUMMARY OF RELEVANT CASE: GERMANY, Leipzig (06/9th June 1997, KRICHELI had an argument with two companions. On 9th June 1997 he shot one of them in the head and the upper part of his body, and shot the other in the head and twice in the upper part of the body. The first man died of his injuries, the second was injured.  
REASONS FOR MURDER: Wanted on arrest warrant No. 41064587 (1997) issued on 29th August 1997 by the judicial authorities in Cottbus, Germany, for murder and attempted murder. TRANSFERRED WITH RE-REQUESTED FROM ANY COUNTRY. If found, please detain and immediately inform INTERPOL.  
WILSHADEN (Reference Z/O 1115 K 007 015 of 29 September 1998) and INTERPOL (urgent) General Secretariat.

File No. 1998-08 Control No. A-6042-1998

06 May 2005

**Michaël TONIA**

**Controlled at the  
USA / Canada**



**Border**



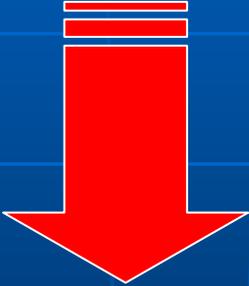
**fingerprints compared against Interpol Data**



# IPSG AFIS Data base

**Michael TONIA**  
**Fingerprints**  
**match to**

ROLLED IMPRESSIONS - EMPREINTES ROULEES - HUELLAS RODADAS				
1. Right thumb Douce droite Pulgar derecho	2. Right forefinger Index droite Índice derecho	3. Right middlefinger Médica droite Medio derecho	4. Right ringfinger Annulaire droite Anular derecho	5. Right littlefinger Auriculaire droite Meñique derecho
6. Left thumb Douce gauche Pulgar izquierdo	7. Left forefinger Index gauche Índice izquierdo	8. Left middlefinger Médica gauche Medio izquierdo	9. Left ringfinger Annulaire gauche Anular izquierdo	10. Left littlefinger Auriculaire gauche Meñique izquierdo



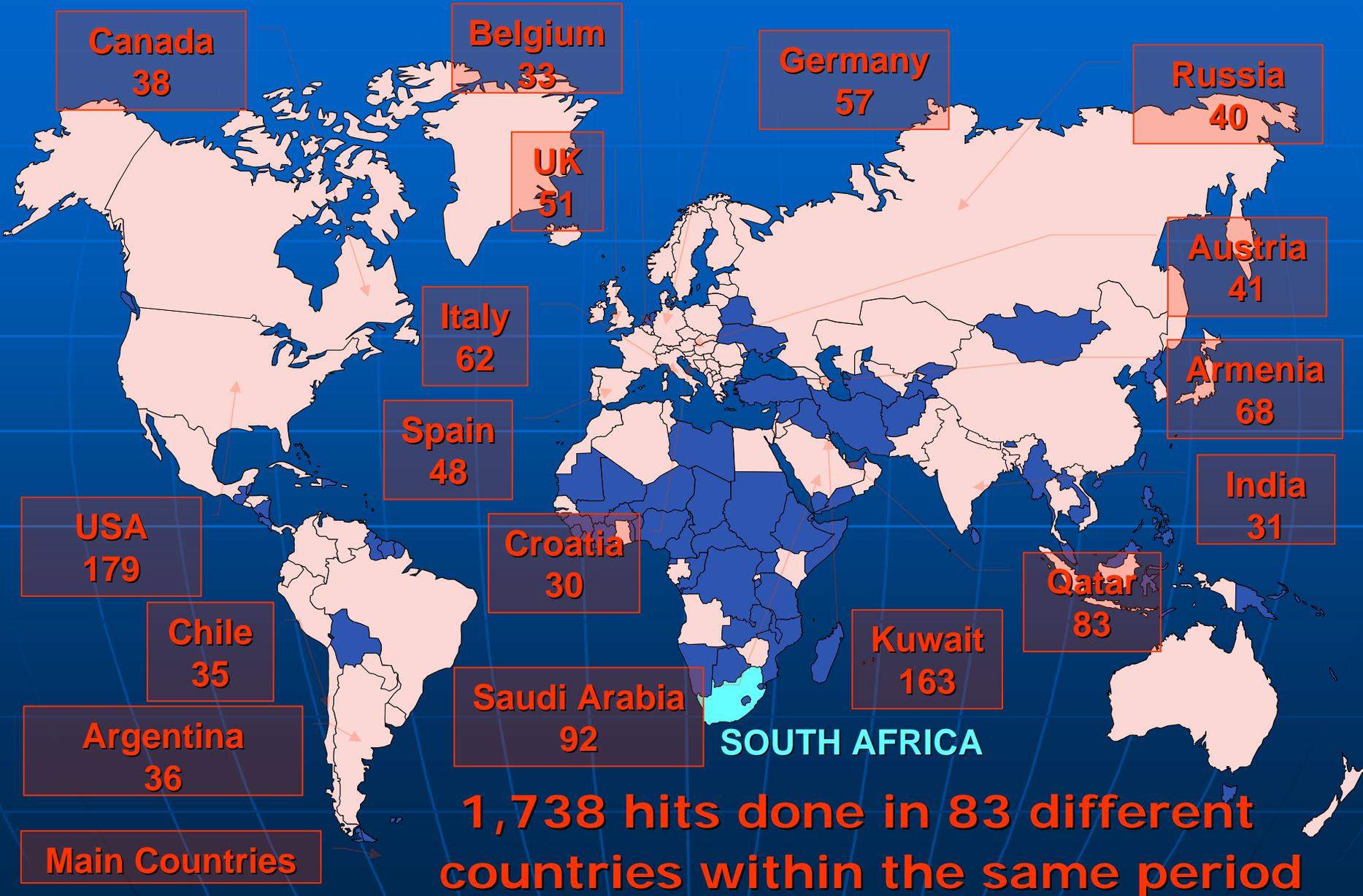
**David KRICHELI**  
Status confirmed  
**Extradited to Germany**



# ASF Nominal

# Hits Examples

2004/2005 : 5,091 Searches by South Africa



# Stolen Motor Vehicles

**327,167 Italian vehicles recorded**

Romania : 236   Hungary : 114   Poland : 103   Switzerland : 97   UAE : 96   Russia : 58

Serbia & Montenegro : 56   Moldova : 52   Albania : 42   Côte d'Ivoire : 42   Slovenia : 39

Belarus : 38   Senegal : 36   Lithuania : 35   Croatia : 30   Bosnia Herzegovina : 29

Algeria : 23   UK : 16   Azerbaijan : 15   Slovakia : 15   Japan : 14   Bulgaria : 13

Mauritania : 12   Ukraine : 12   Czech Rep. : 11   Malta : 11   Germany : 9   Estonia : 8

Mali : 8   France : 6   Kuwait : 6   Tunisia : 5   Andorra : 4   Gibraltar : 4   Togo : 4

Ghana : 3   Kyrgystan : 3   Monaco : 3   Armenia : 2   Barbados : 2   Finland : 2

Georgia : 2   Kazakhstan : 2   Portugal : 2   Greece : 1   Ireland : 1   Jordan : 1

Netherlands : 1   Uzbekistan : 1

**1,325 Italian vehicles traced  
in 49 countries in 2005**



**Andorra 08 June 2005**  
**Jewelry Armed Robbery**



**Discovery**  
**on the**  
**crime scene**



**Fingerprints**



**General  
Secretariat**

**Fingerprints transmitted  
by NCB Andorra to :**



**AFIS Hit : PLASVIC Zlatco**

**Wanted by Bosnia Herzegovina for Road accident causing death  
(Diffusion 2003 : extradition requested)**



# What we need

- More data
- Improved quality
- NIST files

# contact

Mark Branchflower  
Head of Fingerprint Unit  
Identification Branch  
OIPC Interpol  
200 Quai Charles de Gaulle  
69006 Lyon France

Tel (33) 4 72 44 71 94

Fax (33) 4 72 44 76 45

E mail [m.branchflower@interpol.int](mailto:m.branchflower@interpol.int)